

CLAIMS

I claim:

1. A plastic pipe cutting device comprising:

5 a top sleeve, said top sleeve having a semi-circular cross section, said top sleeve having an exterior, said top sleeve having an interior;

a bottom sleeve hingedly connected to said top sleeve, said bottom sleeve having a semi-circular cross section, said bottom sleeve having an exterior, said bottom sleeve having an interior, said bottom sleeve capable of being brought adjacent to said top sleeve;

10 a top guide track connected to said top sleeve exterior, said top guide track coaxial to said top sleeve, said top guide track having a T-shaped cross section;

a bottom guide track connected to said bottom sleeve exterior, said bottom guide track coaxial to said bottom sleeve, said bottom guide track having a T-shaped cross section, said bottom guide track and said top guide track forming a continuous track when said bottom sleeve is brought adjacent to said top sleeve;

15 a roller housing;

a guide roller rotatably connected to said roller housing, said guide roller capable of rolling upon said top guide track, said guide roller capable of rolling upon said bottom guide track;

20 a blade connected to said roller housing, said blade capable of cutting a plastic pipe; and

a rasp connected to said roller housing, said rasp capable of filing the end of a plastic pipe.

2. The plastic pipe cutting device of claim 1 further comprising:
at least one top rubber grip connected to said top sleeve interior; and
at least one bottom rubber grip connected to said bottom sleeve interior.

- 5 3. The plastic pipe cutting device of claim 1 further comprising:
a clasp connected to said bottom sleeve, said clasp capable of securing
said top sleeve to said bottom sleeve.

- 10 4. The plastic pipe cutting device of claim 1 further comprising:
a platform slidingly connected to said roller housing.

5. The plastic pipe cutting device of claim 4 wherein:
said blade is connected to said platform.

- 15 6. The plastic pipe cutting device of claim 4 wherein:
said rasp is connected to said platform.

7. The plastic pipe cutting device of claim 1 further comprising:
a tension adjuster threadably connected to said roller housing.

- 20 8. The plastic pipe cutting device of claim 7 further comprising:
a handle connected to said tension adjuster.

9. The plastic pipe cutting device of claim 1 further comprising:

a hinge connected to said top sleeve, said hinge connected to said bottom sleeve.

5 10. The plastic pipe cutting device of claim 1 wherein:

said top guide track and said bottom guide track are comprised of steel.

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11. A plastic pipe cutting device comprising:

a top sleeve, said top sleeve having a semi-circular cross section, said top sleeve having an exterior, said top sleeve having an interior;

at least one top rubber grip connected to said top sleeve interior;

5 a bottom sleeve hingedly connected to said top sleeve, said bottom sleeve having a semi-circular cross section, said bottom sleeve having an exterior, said bottom sleeve having an interior, said bottom sleeve capable of being brought adjacent to said top sleeve;

at least one bottom rubber grip connected to said bottom sleeve interior;

10 a top guide track connected to said top sleeve exterior, said top guide track coaxial to said top sleeve, said top guide track having a T-shaped cross section;

a bottom guide track connected to said bottom sleeve exterior, said bottom guide track coaxial to said bottom sleeve, said bottom guide track having a T-shaped cross section, said bottom guide track and said top guide track forming a continuous track when said bottom sleeve is brought adjacent to said top sleeve;

15 a roller housing;

a guide roller rotatably connected to said roller housing, said guide roller capable of rolling upon said top guide track, said guide roller capable of rolling upon said bottom guide track;

20 a blade connected to said roller housing, said blade capable of cutting a plastic pipe; and

a rasp connected to said roller housing, said rasp capable of filing the end of a plastic pipe.

12. The plastic pipe cutting device of claim 11 further comprising:
a clasp connected to said bottom sleeve, said clasp capable of securing
said top sleeve to said bottom sleeve.

5 13. The plastic pipe cutting device of claim 12 further comprising:
a platform slidingly connected to said roller housing.

14. The plastic pipe cutting device of claim 13 wherein:
said blade is connected to said platform.

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15. The plastic pipe cutting device of claim 14 wherein:
said rasp is connected to said platform.

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16. The plastic pipe cutting device of claim 15 further comprising:
a tension adjuster threadably connected to said roller housing.

17. The plastic pipe cutting device of claim 16 further comprising:
a handle connected to said tension adjuster.

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18. The plastic pipe cutting device of claim 17 further comprising:
a hinge connected to said top sleeve, said hinge connected to said bottom
sleeve.

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19. The plastic pipe cutting device of claim 18 wherein:

said top guide track and said bottom guide track are comprised of steel.

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20. A plastic pipe cutting device comprising:

a top sleeve, said top sleeve having a semi-circular cross section, said top sleeve having an exterior, said top sleeve having an interior;

at least one top rubber grip connected to said top sleeve interior;

5 a bottom sleeve hingedly connected to said top sleeve, said bottom sleeve having a semi-circular cross section, said bottom sleeve having an exterior, said bottom sleeve having an interior, said bottom sleeve capable of being brought adjacent to said top sleeve;

at least one bottom rubber grip connected to said bottom sleeve interior;

10 a steel top guide track connected to said top sleeve exterior, said top guide track coaxial to said top sleeve, said top guide track having a T-shaped cross section;

15 a steel bottom guide track connected to said bottom sleeve exterior, said bottom guide track coaxial to said bottom sleeve, said bottom guide track having a T-shaped cross section, said bottom guide track and said top guide track forming a continuous track when said bottom sleeve is brought adjacent to said top sleeve;

a roller housing;

20 a guide roller rotatably connected to said roller housing, said guide roller capable of rolling upon said top guide track, said guide roller capable of rolling upon said bottom guide track;

a platform slidingly connected to said roller housing;

a blade connected to said roller housing, said blade capable of cutting a plastic pipe, said blade connected to said platform;

a rasp connected to said roller housing, said rasp capable of filing the end of a plastic pipe, said rasp connected to said platform;

a clasp connected to said bottom sleeve, said clasp capable of securing said top sleeve to said bottom sleeve;

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a tension adjuster threadably connected to said roller housing;

a handle connected to said tension adjuster; and

a hinge connected to said top sleeve, said hinge connected to said bottom sleeve.

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